

The Marantz VC-8100 300+1 Disc DVD Changer: High Performance Mega-Changer.



Audio Section

Frequency response (digital audio)
 DVD linear sound: 48 kHz sampling 4 Hz to 22 kHz
 96 kHz sampling 4 Hz to 44 kHz
 Audio CD 4 Hz to 20 kHz
 Signal to noise ratio (digital audio) >115 dB
 Dynamic range (digital audio) >103 dB
 Total harmonic distortion (digital audio) <.002%
 Digital inputs/outputs: optical connector x 1 (1 out)
 coaxial RCA connector x 2 (1 in/1 out)
 0.5 V (p-p), 75 Ω
 Analog inputs/outputs: 200 mVrms
 RCA jack (L, R) x 4 (2 in/2 out)

Video Section

Signal system Standard NTSC
 Composite video input/output 1.0 V (p-p), 75 Ω, negative sync
 RCA jack x 2 (1 in/1 out)
 S-Video input/output
 (Y) 1.0 V (p-p), 75 Ω, negative sync
 (C) 0.286 V (p-p), 75 Ω
 Mini DIN 4-pin x 2 (1 in/1 out)
 Component video output
 (Y) 1.0 V (p-p), 75 Ω, negative sync
 Cb/Cr 0.7 V (p-p), 75 Ω
 RCA jack x 3

General

Power requirements: 120 V, 60 Hz, 21 W
 Dimensions H x W x D: 7⁷/₈" x 17⁷/₁₆" x 17¹/₈"
 193mm x 440mm x 434mm
 Weight: 17.6 lbs. 8 kg

The Marantz VC-8100 sets new standards in DVD mega changer performance and versatility. Along with state-of-the-art performance features such as 10-bit, 27MHz video and 96/24 audio D/A conversion, digital video noise reduction and Dolby Digital® and DTS® compatibility, the VC-8100 offers enhanced convenience features including an advanced disc management and search system.

VC-8100 Features:

The world's first multi-disc THX Ultra® certified DVD changer.

Easy disc access via an on-screen graphical control with Disc Management System and Disc Search Function – using the front panel, the remote control, a standard computer keyboard or mouse, disc title and other information can be entered into the VC8100's memory in up to 20 user definable categories.

Fast-loading mechanism retrieves and plays any disc within seconds. If desired, a single disc can also be played immediately by placing it into the VC-8100's single loader slot.

10-bit video D/A conversion with 27 MHz filtering provides extremely high resolution video quality and color purity with an improved video signal-to-noise ratio.

Digital noise reduction circuitry can be automatically or manually adjusted for optimum video playback.

Dolby Digital® and DTS® surround sound compatibility, for accurate playback of both discrete 5.1-channel digital surround sound formats.

96 kHz/24-bit D/A converters deliver state-of-the-art sonic performance, including playback of high-resolution 96 KHz/24-bit audio discs.

Component video, S-video and composite video outputs provide superb quality video playback.

Virtual Dolby Digital® and SRS TruSurround® processing create a realistic surround sound environment using just the TV's two built-in speakers or a two-channel stereo system.

CD-R and Video CD playback capability in addition to DVD and CD playback make the DV-8100 the ideal all in one program source for a totally integrated home entertainment system.

Remote control with cursor control joystick makes operation easy and intuitive. The remote features glow-in-the-dark keys for visibility in darkened rooms.

Two VC-8100s can be linked for 601-disc total system capacity.

D-BUS remote connection allows linkage to other Marantz components for integrated system operation.

Full complement of viewing options and interactive capabilities offered by the DVD Video format, including multiple camera angles and aspect ratios, a choice of language tracks and subtitles, parental control and more.

Wide selection of convenience functions including a unique Variable Speed Scanning feature that provides smooth DVD playback at a number of forward and reverse speeds.



THX Ultra is a registered trademark of Lucasfilm Ltd.

'DOLBY', 'DOLBY DIGITAL', 'VIRTUAL DOLBY DIGITAL', and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.

DTS is a registered trademark of DTS Technology.

SRS TruSurround is a registered trademark of SRS Labs Inc.

All specifications are subject to change without notice.

© 2000 Marantz America, Inc. 05/00

marantz®

Marantz America, Inc. 440 Medinah Road Roselle, IL 60172

Phone 630-307-3100 • Fax 630-307-2687 • www.marantz.com